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l12 and archiv\$

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Database:[Refine Search:](#)[Clear](#)**Search History****Today's Date: 4/25/2001**

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USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l12 and archiv\$	13	L13
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USPT,PGPB,JPAB,EPAB,DWPI,TDBD	electronic mail and hierarch\$ same folders	84	L11
USPT	5754939.pn.	1	L10
USPT	5778397.pn.	1	L9
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l7 and attributes	40	L8
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 and archiv\$	48	L7
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l5 and categor\$	83	L6
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l4 and folder\$	151	L5
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 and hierarch\$	474	L4
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l2 and collection	1140	L3
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and documents	3833	L2
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	electronic mail or e-mail	14258	L1

WEST

L12: Entry 9 of 25

File: USPT

Aug 3, 1999

US-PAT-NO: 5933599
 DOCUMENT-IDENTIFIER: US 5933599 A

TITLE: Apparatus for presenting the content of an interactive on-line network

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nolan; Sean P.	Issaquah	WA	N/A	N/A

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA	N/A	N/A	02

APPL-NO: 8/ 503131

DATE FILED: July 17, 1995

INT-CL: [6] G06F 13/38, G06F 15/17

US-CL-ISSUED: 395/200.48; 395/200.33, 345/330

US-CL-CURRENT: 345/329; 345/330

FIELD-OF-SEARCH: 395/200.1, 395/200.2, 395/200.03, 395/200.04, 395/200.11, 395/200.15, 395/330, 395/762, 395/200.5, 395/200.8, 395/200.31, 395/200.34, 345/330

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/> <u>4184200</u>	January 1980	Wagner		N/A
<input type="checkbox"/> <u>4280176</u>	July 1981	Tan		N/A
<input type="checkbox"/> <u>4432057</u>	February 1984	Daniell et al.		N/A
<input type="checkbox"/> <u>4493024</u>	January 1985	Baxter		N/A
<input type="checkbox"/> <u>4799153</u>	January 1989	Hann		N/A
<input type="checkbox"/> <u>4799156</u>	January 1989	Shavit et al.		N/A
<input type="checkbox"/> <u>4800488</u>	January 1989	Agrawal et al.		N/A
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<input type="checkbox"/> <u>4899136</u>	February 1990	Beard et al.		N/A
<input type="checkbox"/> <u>4914571</u>	April 1990	Baratz et al.		N/A
<input type="checkbox"/> <u>5079765</u>	January 1992	Nakamura		N/A
<input type="checkbox"/> <u>5113499</u>	May 1992	Ankney		N/A
<input type="checkbox"/> <u>5140689</u>	August 1992	Kobayohi		N/A
<input type="checkbox"/> <u>5151989</u>	September 1992	Johnson et al.		N/A
<input type="checkbox"/> <u>5187790</u>	February 1993	Fast et al.		N/A

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<input type="checkbox"/>	<u>5257369</u>	October 1993	Skeen et al.	N/A
<input type="checkbox"/>	<u>5265250</u>	November 1993	Andrade et al.	N/A
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<input type="checkbox"/>	<u>5307490</u>	April 1994	Davidson et al.	N/A
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<input type="checkbox"/>	<u>5367621</u>	November 1994	Cohen et al.	395/154
<input type="checkbox"/>	<u>5371852</u>	December 1994	Attanasio	N/A
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<input type="checkbox"/>	<u>5483652</u>	January 1996	Sudama et al.	N/A
<input type="checkbox"/>	<u>5490270</u>	February 1996	Devarakonda et al.	N/A
<input type="checkbox"/>	<u>5491800</u>	February 1996	Goldsmith et al.	N/A
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<input type="checkbox"/>	<u>5530852</u>	June 1996	Meske, Jr. et al.	395/200.48
<input type="checkbox"/>	<u>5544313</u>	August 1996	Shachanai et al.	N/A
<input type="checkbox"/>	<u>5544327</u>	August 1996	Dan et al.	N/A
<input type="checkbox"/>	<u>5548724</u>	August 1996	Akizawa et al.	N/A
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<input type="checkbox"/>	<u>5553239</u>	September 1996	Heath et al.	N/A
<input type="checkbox"/>	<u>5553242</u>	September 1996	Russell et al.	N/A
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<input type="checkbox"/> <u>5572643</u>	November 1996	Judson	395/793
<input type="checkbox"/> <u>5581753</u>	December 1996	Terry et al.	N/A
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<input type="checkbox"/> <u>5608903</u>	March 1997	Prasad et al.	N/A
<input type="checkbox"/> <u>5617568</u>	April 1997	Ault et al.	N/A
<input type="checkbox"/> <u>5617570</u>	April 1997	Russell et al.	N/A
<input type="checkbox"/> <u>5619632</u>	April 1997	Lamping et al.	395/141
<input type="checkbox"/> <u>5650994</u>	July 1997	Daley	N/A
<input type="checkbox"/> <u>5666519</u>	September 1997	Hayden	N/A
<input type="checkbox"/> <u>5675723</u>	October 1997	Ekrot et al.	N/A
<input type="checkbox"/> <u>5675796</u>	October 1997	Hodges et al.	N/A
<input type="checkbox"/> <u>5774668</u>	June 1998	Choquiere et al.	N/A

OTHER PUBLICATIONS

Heylighen, F.; "World-Wide Web: a distributed paradigm for global networking"; Proceeding. SHARE Europe Spring Conference pp. 355-368, Apr. 18, 1994.

Colton, Malcolm, "Replicated Data in a Distributed Environment," IEEE (1993).

Coulouris et al., "Distributed Transactions," Chapter 14 of Distributed Systems Concepts and Design 2.sup.nd Ed., 409-421 (1994).

Cox, John, "Sybase Server to Add Complexity User for Challenge with Data Replication," Communication No. 483 (1993).

Custer, Helen, "The Object Manager and Object Security," Inside Windows NT, Chapter 3, 40-43, 49-81 (1993).

Eckerson, Wayne, "Users Give Green Light for Replication," Network World (Jul. 19, 1993).

Edelstein, Herb, "The Challenge of Replication," DBMS vol. 8, No. 4, 68 (Apr. 1995).

Edelstein, Herb, "Microsoft and Sybase are Adding their Unique Touches to SQL Servers," Information Week, No. 528, 62 (1995).

Edelstein, Herb, "Replication Data," DBMS vol. 6, No. 6, 59 (Jun. 1993).

Goulde, Michael, "RDBMS Server Choice Gets Tougher," Network World, 52 (May 23, 1994).

International Telecommunication Union, CCITT Blue Book vol. VIII Data Communication Networks Directory, 3-18 (1989).

Pallatlo, John, "Sybase Lays Out Blue Print for Client/Server Networks," PC Week, vol. 9, No. 461, 6 (1992).

PR Newswire Association, Inc., "America On-line Publicly Previews World Wide Web Browser," Financial News Section (May 9, 1995).

Qureshi, "The Effect of Workload on the Performance and Availability of Voting Algorithms," IEEE (1995).

Rexford, Jennifer, "Window Consistent Replication for Real-Time Applications," IEEE (1994).

Richman, Dan, "Sybase to Enhance RDBMS," Open System Today, No. 111 (1992).

Silberschatz, et al., Operating System Concepts, 4.sup.th Ed., 361-380, 431-457 (1994).

Terry, Douglas, "Session Guarantees for Weekly Consistent Replicated Data," IEEE (1994).

Wang, Yongdong, Data Replication in a Distributed Heterogenous Database Environment, IEEE (1994).

The User Interface and the Shell, Chapter Five, Inside Windows 95, Adrian King, 1994.

So . . . Just What Is This First Class Thing Anyway?, <http://orion.edmonds.wednet.edu/ESD/FC/AboutFC.html>, down-loaded on Oct. 10, 1995.

ART-UNIT: 276

PRIMARY-EXAMINER: Rinehart, Mark H.

ATTY-AGENT-FIRM: Leydig, Voit & Mayer, Ltd

ABSTRACT:

The on-line network access system of the present invention operates as an extension of a computer's operating system to provide a graphical interface which displays the offerings

available in the on-line network. The organization of the offerings are displayed in a manner which is visually similar to the way the operating system displays the organization of the computer's local file system. Using multiple navigators, the system displays different user interfaces which correspond to different offerings on the on-line network. The system further provides a content map which illustrates the location of a user in the on-line network. In addition, the system creates "shortcuts" which allow users of the on-line network to reference particular locations in the on-line network. A unique shortcut data structure allows the storage of the shortcuts in the user's computer or the transfer of the shortcuts to others.

35 Claims, 26 Drawing figures

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L12: Entry 21 of 25

File: USPT

Aug 6, 1996

US-PAT-NO: 5544360

DOCUMENT-IDENTIFIER: US 5544360 A

TITLE: Method for accessing computer files and data, using linked categories assigned to each data file record on entry of the data file record

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lewak; Jerzy	Del Mar	CA	N/A	N/A
Grzechnik; Slawek	La Mesa	CA	N/A	N/A
Matousek; Jon	San Diego	CA	N/A	N/A

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Paragon Concepts, Inc.	Solana Beach	CA	N/A	N/A	02

APPL-NO: 8/ 384379

DATE FILED: February 3, 1995

PARENT-CASE:

This is a continuation of application Ser. No. 07/980,620 filed on Nov. 23, 1992, now abandoned.

INT-CL: [6] G06F 17/30

US-CL-ISSUED: 395/600; 364/253, 364/253.3, 364/282.1, 364/282.3, 364/283.1, 364/283.2, 364/283.3, 364/286.4, 364/286.5

US-CL-CURRENT: 707/1

FIELD-OF-SEARCH: 364/282.1, 364/282.3, 364/283.1, 364/283.2, 364/283.3, 364/286.4, 364/286.5

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

<input type="checkbox"/>	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5047918</u>	September 1991	Schwartz et al.	364/200
<input type="checkbox"/>	<u>5115504</u>	May 1992	Belove et al.	395/600
<input type="checkbox"/>	<u>5162992</u>	November 1992	Williams	364/419
<input type="checkbox"/>	<u>5201047</u>	April 1993	Maki et al.	395/600
<input type="checkbox"/>	<u>5201048</u>	April 1993	Coulter et al.	395/600
<input type="checkbox"/>	<u>5204947</u>	April 1993	Bernstein et al.	395/157
<input type="checkbox"/>	<u>5206949</u>	April 1993	Cochran et al.	395/600
<input type="checkbox"/>	<u>5276867</u>	January 1994	Kenley et al.	395/600

OTHER PUBLICATIONS

Van Kir., "Lotus, Travelling Software Tackle DOS File Management Problems", Apr. 1989,
V2R4 p. 35(2) PC-Computing.

PC Tools DOS & Shell/File Manager, 1991, pp. 33-35, (Version 7 For DOS) Central Point
Software Inc.
Central Point Software Inc. PC Tools Data Recovery And Systems Utilities, 1991, pp. 95-97
(Ver. 7 For DOS).

Thought Pattern Handbook, By Bananafish Software, Inc., 1991 San Francisco, CA.

ART-UNIT: 237

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Choules; Jack M.

ATTY-AGENT-FIRM: Fish & Richardson P.C.

ABSTRACT:

A computer filing system for accessing files and data according to user-designated criteria. The system allows the user to define a virtually unlimited number of hybrid folders by describing, using terms of their own selection, the file contents of those files which are to belong to particular hybrid folders. Such hybrid folders can be implemented on top of, and used in addition to, the normal hierarchical structured directory, or they may replace such normal structures entirely. The inventive computer file control system could therefore be used as the basis of a new computer operating system. In the process of search and retrieval, the invention ensures in two ways that the user defines a filter which will always find at least one file. The user is not required to type the key words to search but instead chooses the words from pick lists, making mistyping impossible. As the user builds the search filter definition, categories which would find no data are automatically excluded as pick list possibilities.

21 Claims, 5 Drawing figures